

18/3,K/1 (Item 1 from file: 13)  
DIALOG(R)File 13:BAMP  
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00594300 Supplier Number: 24431935 (USE FORMAT 7 OR 9 FOR  
FULLTEXT)  
Brand Building With Icons  
(Using characters can provide opportunities to create distinctive,  
strongly-recognized brands)  
Article Author(s): Asher, Jonathan  
Food & Beverage Marketing, v 17, n 11, p 34  
November 1998  
DOCUMENT TYPE: Journal ISSN: 0731-3799 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 500

(USE FORMAT 7 OR 9 FOR FULLTEXT)

Article Author(s): Asher, Jonathan

ABSTRACT:

...example of this is the California Raisins and the M&M candies that led  
the animated characters which appear on packages, in advertising, and  
on displays almost everywhere. Marketers are however warned...

TEXT:

...character, for Tropicana Bursters fortified juices. The immensely  
popular M&M candies led to the animated characters which appear on  
packaging, in advertising and on displays everywhere.

While not appropriate for all...

18/3,K/4 (Item 2 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2008 WIPO/Thomson. All rts. reserv.

01168937 \*\*Image available\*\*  
LOTTERY AND AUCTION BASED TOURNAMENT ENTRY EXCHANGE  
PLATFORM  
SYSTEME ET PROCEDE D'ECHANGE DE DROITS DE PARTICIPATION A  
DES COMPETITIONS  
BASE SUR DES LOTERIES OU DES ENCHERES  
Patent Applicant/Assignee:  
CANTOR INDEX LLC, 135 E. 57th Street, New York, NY 10022, US, US  
(Residence), US (Nationality), (Designated for all)

Inventor(s):

ASHER Joseph M, 321 W. 76th Street, Apartment 2A, New York, NY 10023, US,

(Designated for all)

CROSTHWAITE Dominic, Flat 2, 88 Huron Road, London SW17 8RD, GB,

(Designated for all)

LUTNICK Howard W, 180 E. 64th Street, New York, NY 10021, US,

(Designated

for all)

Legal Representative:

JOHNSON Jay B (agent), Baker Botts L.L.P., 2001 Ross Avenue, Suite 600, Dallas, TX 75201-2980, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200490678 A2-A3 20041021 (WO 0490678)

Application: WO 2004US11206 20040412 (PCT/WO US2004011206)

Priority Application: US 2003462176 20030411

Designated States:

(All protection types applied unless otherwise stated - for applications

2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM

DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC

LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO

RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO

SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 8527

Fulltext Availability:

Detailed Description

Detailed Description

... seller.

1 0 The NASDAQ is an example of such a system.

In a typical auction , such as an automobile auction , for example, an item is made available for bidding. Various participants place bids for the item. Typically, there will be a starting bid proposed by an auctioneer . The starting bid may be a minimum acceptable bid. One

participant may place the starting...

18/3/K/5 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2008 The Thomson Corporation. All rts. reserv.

0014535999 - Drawing available  
WPI ACC NO: 2004-717951/200470  
XRPX Acc No: N2004-569102  
Apparatus for implementing internet-based auction process, has server communicating with workstations, that stops accepting subsequent bids after elapse of preset time from determination of current bid  
Patent Assignee: ESPEED INC (ESPE-N)  
Inventor: ASHER J M; LUTNICK H W  
Patent Family (3 patents, 3 countries)  
Patent Application  
Number Kind Date Number Kind Date Update  
US 20040193529 A1 20040930 US 2003459834 P 20030331 200470 B  
US 2003629128 A 20030729  
CA 2460320 A1 20040930 CA 2460320 A 20040305 200470 E  
GB 2400209 A 20041006 GB 20046871 A 20040326 200470 E

Priority Applications (no., kind, date): US 2003459834 P 20030331; US 2003629128 A 20030729

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 20040193529	A1	EN	21	9	Related to Provisional	US 2003459834
CA 2460320	A1	EN				

#### Original Publication Data by Authority

Argentina

Assignee name & address:

Claims:

What is claimed is: <b>1</b>. An apparatus for implementing an automated auction process, the apparatus comprising: a plurality of workstations, each of the workstations comprising: a workstation storage device; a workstation processor connected to the workstation...

...workstation program to receive bids on at least one item, and to display an animated auctioneer that announces a current bid; and a server

operative to communicate with the plurality of workstations and receive the bids on the at least one item, the server comprising: a server storage...

~ ~ Bibliographic patent files

12/ 3,K/ 3 (Item 3 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2008 The Thomson Corporation. All rts. reserv.

0014289917 - Drawing available  
WPI ACC NO: 2004-476567/200445  
System for trading actual goods and avatar  
Patent Assignee: CHO D H (CHOD-I)  
Inventor: CHO D H  
Patent Family (1 patents, 1 countries)  
Patent Application  
Number Kind Date Number Kind Date Update  
KR 2004024934 A 20040324 KR 200256668 A 20020917 200445 B

Priority Applications (no., kind, date): KR 200256668 A 20020917

Patent Details  
Number Kind Lan Pg Dwg Filing Notes  
KR 2004024934 A KO 1 10

System for trading actual goods and avatar

Alerting Abstract ...NOVELTY - A system for trading actual goods and avatars is provided to enable a buyer to get an avatar item related to an actual goods if the user buys the actual goods.

Class Codes  
International Classification (Main): G06F-019/ 00

Original Publication Data by Authority

Argentina

12/ 3,K/ 6 (Item 6 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2008 The Thomson Corporation. All rts. reserv.

0013593579 - Drawing available  
WPI ACC NO: 2003-688471/200365  
Related WPI Acc No: 2001-657058  
XRPX Acc No: N2003-550053

Virtual trading floor system for simulating trading action in real-time in

a financial market, has graphic interface, control interface and data interface coupled to coder-decoder that receives and transmits data with

trading source

Patent Assignee: BORCHEW M (BORC-I); HAUKE E (HAUK-I)

Inventor: BORCHEW M; HAUKE E

Patent Family (1 patents, 1 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
US 20030126068	A1	20030703	US 1999166306	P	19991118	200365

B

US 2000540601 A 20000331

US 2002324507 A 20021220

Priority Applications (no., kind, date): US 1999166306 P 19991118; US 2000540601 A 20000331; US 2002324507 A 20021220

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 20030126068	A1	EN	21	9	Related to Provisional	US 1999166306

Continuation of application US

2000540601

Alerting Abstract ...DESCRIPTION OF DRAWINGS - The figure shows the block

diagram of the virtual trading floor system comprising of coder-decoder, graphic interface, data interface and control interface

...

...100 Virtual trading floor system

#### Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06Q-0030/00 ...

G06Q-0030/00 ...

#### Original Publication Data by Authority

Argentina

\*\*\*\*\* of interest \*\*\*\*\*

12/ 3,K/ 11 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2008 The Thomson Corporation. All rts. reserv.

0012415168 - Drawing available

WPI ACC NO: 2002-359525/200239

Real time internet auction system employing video chatting or avatar chatting

Patent Assignee: CHOI S J (CHOI-I); LEE J H (LEEJ-I)

Inventor: CHOI S J

Patent Family (1 patents, 1 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
KR 2001109695	A	20011212	KR 200030190	A	20000601	200239 B

Priority Applications (no., kind, date): KR 200030190 A 20000601

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
KR 2001109695	A	KO	1	10		

Real time internet auction system employing video chatting or avatar chatting

Alerting Abstract ...NOVELTY - A real time Internet auction system employing a video chatting or avatar chatting is provided so that an auctioneer and a bidder meet by a video chatting or avatar chatting and have transactions by a price offered by the bidder, transactions by barter, or...

...the Internet and form a communication line path with the outside and the Internet. An auctioneer creates a transaction method, the picture of the articles for sale at auction, auction time...

Class Codes

International Classification (Main): G06F-017/ 60

Original Publication Data by Authority

Argentina

12/ 3,K/ 12 (Item 12 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2008 The Thomson Corporation. All rts. reserv.

0011232420 - Drawing available

WPI ACC NO: 2002-171890/200222

XRPX Acc No: N2002-130651

Virtual trading system with skills and abilities transformed into virtual

world equivalents for user access as avatars

Patent Assignee: IGGLAND B I (IGGL-I); MINDARK AB (MIND-N)

Inventor: IGGLAND B I

Patent Family (4 patents, 95 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 2002007035	A1	20020124	WO 2001SE1628	A	20010716	200222 B
AU 200171210	A	20020130	AU 200171210	A	20010716	200236 E
EP 1301883	A1	20030416	EP 2001950185	A	20010716	200328 E
			WO 2001SE1628	A	20010716	
US 20030115132	A1	20030619	WO 2001SE1628	A	20010716	200341 E
			US 2002312118	A	20021220	

Priority Applications (no., kind, date): SE 20002581 A 20000717

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
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WO 2002007035	A1	EN	11	3		
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National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BY

BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID

IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ

NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA

ZW

Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH

GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200171210 A EN Based on OPI patent WO 2002007035

EP 1301883 A1 EN PCT Application WO 2001SE1628

Based on OPI patent WO 2002007035

Regional Designated States,Original: AL AT BE CH CY DE DK ES FI FR GB GR

IE IT LI LT LU LV MC MK NL PT RO SE SI TR

US 20030115132 A1 EN PCT Application WO 2001SE1628

...trading system with skills and abilities transformed into virtual world

equivalents for user access as avatars

#### Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06Q-0030/00 ...

G06Q-0030/00 ...

Original Publication Data by Authority

Argentina

12/ 3,K/ 13 (Item 13 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2008 The Thomson Corporation. All rts. reserv.

0011215933 - Drawing available  
WPI ACC NO: 2002-154997/200220  
XRPX Acc No: N2002-117811

Computer based virtual reality trading system that simulates virtual environment of active trading floor has device for a number of traders to interact and complete trades via their virtual trader persons on virtual trading floor

Patent Assignee: MELKOMIAN R (MELK-I); SARMA S (SARM-I)

Inventor: MELKOMIAN R; SARMA S

Patent Family (4 patents, 93 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 2002005182	A1	20020117	WO 2001US21377	A	20010706	200220 B
AU 200171864	A	20020121	AU 200171864	A	20010706	200234 E
US 20020128952	A1	20020912	US 2000216195	P	20000706	200262 E
			US 2001900476	A	20010706	
EP 1316040	A1	20030604	EP 2001950919	A	20010706	200337 E
			WO 2001US21377	A	20010706	

Priority Applications (no., kind, date): US 2000216195 P 20000706; US 2001900476 A 20010706

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
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WO 2002005182	A1	EN	52	8		
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National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BY

BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN

IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ

PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH

GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200171864 A EN Based on OPI patent WO 2002005182



US 20020128952 A1 EN                      Related to Provisional US 2000216195  
EP 1316040                      A1 EN                      PCT Application WO 2001US21377  
Based on OPI patent WO 2002005182  
Regional Designated States, Original: AL AT BE CH CY DE DK ES FI FR GB GR  
IE IT LI LT LU LV MC MK NL PT RO SE SI TR

#### Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06Q-0040/00 ...

G06Q-0040/00 ...

#### Original Publication Data by Authority

##### Argentina

Assignee name & address:

Original Abstracts:

...an exchange. Traders (17, 28, 19, and 20) use local PCs to direct their individual avatars interactively on the virtual trading floor, using hand and voice signals similar to a non-virtual exchange. This allows...

...from its physical geographic location as traders in diverse locations can interact on the virtual trading floor. The system enables accurate tracking for audit of the trade activity and simplified trade clearing, while retaining the dynamics of a...

...trading floor to simulate an exchange. Traders use local PC's to direct their individual avatars interactively on the virtual trading floor, using hand and voice signals similar to a non-virtual exchange. This allows an exchange to be de...

...from its physical geographic location as traders in diverse locations can interact on the virtual trading floor. The system enables accurate tracking for audit of the trade activity and simplified trade clearing, while retaining the dynamics of a non-virtual exchange...

...an exchange. Traders (17, 28, 19, and 20) use local PCs to direct their individual avatars interactively on the virtual trading floor, using hand and voice signals similar to a non-virtual exchange. This allows an exchange to be de-coupled from its physical geographic location as traders in diverse locations can interact on the virtual trading floor. The system enables accurate tracking for audit of the trade activity and simplified trade clearing, while retaining the dynamics of a non-virtual exchange...

Claims:

...an interactive virtual trading floor space and for generating virtual trader persons corresponding to the virtual images of the plurality of

traders therein and for supporting interactive trading between a plurality of the virtual trader persons; and, means for the plurality of traders to interact and complete...

\*\*\*\*\* of interest\*\*\*\*\*

12/3, K/15 (Item 15 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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0011019888 - Drawing available

WPI ACC NO: 2001-645566/200174

Method for constructing auction system in three-dimension space of internet using avatar

Patent Assignee: CHO W J (CHOW-I)

Inventor: CHO W J

Patent Family (1 patents, 1 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
KR 2001044406	A	20010605	KR 20018045	A	20010217	200174 B

Priority Applications (no., kind, date): KR 20018045 A 20010217

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
KR 2001044406	A	KO	1	10		

Method for constructing auction system in three-dimension space of internet using avatar

Alerting Abstract ...NOVELTY - A method for constructing the auction system in the three-dimension space of the internet using the avatar is provided to enable many auction entrants and an auction manager to perform the auction procedure in real time through the internet. DESCRIPTION - The auction system comprises a web server system, a DB server system, an avatar auction system, an auction manager (or an auctioneer) and many auction entrants (or bidders). A bidder chooses the appearance of the avatar in order to display him (her)self in the virtual space and participates in the auction with the avatar. The three-dimensional avatar expresses a special action for the specified situation of the auction procedure through an animation. Therefore, the real time interactive auction procedure can be implemented by the simulation in the three-dimensional virtual auction space through the internet.

Class Codes

International Classification (Main): G06F-019/00

Original Publication Data by Authority

Argentina

12/3,K/16 (Item 16 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2008 The Thomson Corporation. All rts. reserv.

0010857275 - Drawing available  
WPI ACC NO: 2001-476146/200151  
XRPX Acc No: N2001-352421  
Time variable auctioning method for varying period of auction on Internet  
involves knocking down auction object to seller inputting highest purchase price by server at end of auction period  
Patent Assignee: ECTOTAL CO LTD (ECTO-N)  
Inventor: CHANG Y; JANG Y H  
Patent Family (4 patents, 92 countries)  
Patent Application  
Number Kind Date Number Kind Date Update  
WO 2001054014 A1 20010726 WO 2000KR888 A 20000810 200151 B  
AU 200067349 A 20010731 AU 200067349 A 20000810 200171 E  
KR 2001075888 A 20010811 KR 20002800 A 20000121 200212 E  
KR 2001103797 A 20011123 KR 2001712000 A 20010920 200232 E

Priority Applications (no., kind, date): KR 20002800 A 20000121

Patent Details

Number Kind Lan Pg Dwg Filing Notes  
WO 2001054014 A1 EN 34 7  
National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BY  
BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN  
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ  
PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH  
GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW  
AU 200067349 A EN Based on OPI patent WO 2001054014

Alerting Abstract ...NOVELTY - Avatars from a server are selected by a seller and a buyer before an auction starts. The selected avatars are displayed in auction site to represent the seller and buyer on the

auction site. An auction object is then knocked down to the seller inputting highest purchase price by the server at the end of auction period after receiving and displaying purchase price input by the buyer in auction progress state.

#### Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06Q-0030/00 ...

G06Q-0030/00 ...

#### Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

In a time variable auction method on the Internet, an auction can progress rapidly without waiting until an initial set auction period ends by varying an auction period flexibly in accordance with a purchase price inputted from a buyer, a reliability of an auction can be guaranteed by displaying a credit rating of a seller and buyers on an auction site by using avatars, and a rapid auction for a seller can be performed by using avatars as a compulsory auction end means by a seller...

Claims:

~~ Full text patent files

13/3,K/1 (Item 1 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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02334521

Method of and system for enabling brand-image communication between vendors

and consumers

Verfahren und System zur Ermöglichung der Markenbilder-Kommunikation

zwischen Händlern und Verbrauchern

Procede et systeme pour activer une communication d'image de marque entre

les vendeurs et les consommateurs

PATENT ASSIGNEE:

IPF, Inc., (2541021), Soundview Plaza, 1266 East Main Street, Stamford,

CT 06902, (US), (Applicant designated States: all)

INVENTOR:

Perkowski, Thomas J., 10 Waldon Road, DarienConnecticut 06820, (US)  
LEGAL REPRESENTATIVE:

Dunlop, Hugh Christopher et al (59552), R G C Jenkins & Co. 26 Caxton  
Street, London SW1H 0RJ, (GB)

PATENT (CC, No, Kind, Date): EP 1841195 A1 071003 (Basic)

APPLICATION (CC, No, Date): EP 2007011587 001117;

PRIORITY (CC, No, Date): US 441973 991117; US 447121 991122; US  
465859

991217; US 483105 000114; US 599690 000622; US 641908 000818; US  
695744

001024

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT;  
LI;

LU; MC; NL; PT; SE; TR

RELATED PARENT NUMBER(S) - PN (AN):

EP 1616266 (EP 2000980530)

INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):

IPC + Level Value Position Status Version Action Source Office:

H04N-0001/00 A I F B 20060101 20070827 H EP

G06Q-0030/00 A I L B 20060101 20070827 H EP

G06F-0017/30 A I L B 20060101 20070827 H EP

ABSTRACT WORD COUNT: 199

NOTE:

Figure number on first page: 2B1

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text Language Update Word Count

CLAIMS A (English) 200740 2554

SPEC A (English) 200740 150234

Total word count - document A 152788

Total word count - document B 0

Total word count - documents A + B 152788

INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):

IPC + Level Value Position Status Version Action Source Office:

... G06Q-0030/00 A I L B 20060101 20070827 H EP...

... G06F-0017/30 A I L B 20060101 20070827 H EP

...SPECIFICATION novel EC-enabled product catalog having a library of  
CPIR-enabling Applets embeddable within graphical images of consumer  
products in HTML-encoded documents and enabling, when executed, a  
UPN-directed search...within a CPIR-enabling Applet Catalog Web Server  
for viewing and downloading by retailers, advertisers, auctioneers , et  
al.

Another object of the present invention is to provide such an  
Internet-based...

...within a CPIR-enabling Applet Catalog Web Server for viewing and downloading by retailers, advertisers, auctioneers, et al.

Another object of the present invention is to provide an Internet-based consumer...within a CPIR-enabling Applet Catalog Web Server for viewing and downloading by retailers, advertisers, auctioneers, et al.

Another object of the present invention is to provide an Internet-based consumer...rights/privileges recorded within the UPN/TM/PD/URL RDBMS to determine those physical and virtual CPI kiosks on which the promoter may place promotions about products of manufacturers who have...CAMPAIGN,

showing its primary information fields, namely: Virtual Kiosk ID No.; Date of Promotion Campaign; Virtual Kiosk Promotion Spot ID No. 1;...; Virtual Kiosk Promotion Spot ID No. N; Total Promotion Spots Ordered; and Date of Last Record...its field of view (FOV) of the kiosk, as shown in Fig. 3A19C, and an image processor for processing the same to detect the presence of human eyes glazing at the...

...information can then be used to readily construct the IPI Registrant Database of the illustrative embodiment.

According to a second database construction technique, a global advertising campaign would launched (over various...

\*\*\*\*\* of interest\*\*\*\*\*

13/3,K/6 (Item 6 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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01551473 \*\*Image available\*\*

VIRTUAL ENVIRONMENT WITH BINDING CONTRACTS BETWEEN PLAYERS  
ENVIRONNEMENT VIRTUEL COMPORTANT DES CONTRATS  
D'OBLIGATION ENTRE JOUEURS

Patent Applicant/Assignee:

LEVIATHAN ENTERTAINMENT, 1012 Marquez Pl, # 205a, Santa Fe, NM 87505, US,

US (Residence), US (Nationality), (For all designated states except: US)  
Patent Applicant/Inventor:

VAN LUCHENE Andrew, 229 Johnson Street, Santa Fe, NM 87501, US, US (Residence), US (Nationality), (Designated only for: US)

MUELLER Ray J, 8071 Murano Circle, Palm Beach Gardens, FL 33418, US, US (Residence), US (Nationality), (Designated only for: US)

Legal Representative:

GONZALEZ Ellen M (agent), 4605 Congress Ave. NW, Albuquerque, NM 87114, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200795567 A2-A3 20070823 (WO 0795567)  
Application: WO 2007US62119 20070214 (PCT/WO US2007062119)  
Priority Application: US 2006355232 20060214; US 2006428263  
20060630; US  
2006559158 20061113; US 2006560456 20061116; US 2006567122  
20061205; US  
2006611050 20061214; US 2007620542 20070105; US 2007620563  
20070105; US  
2007624662 20070118; US 2007624659 20070118; US 2007625229  
20070119; US  
2007625225 20070119; US 2007670304 20070201; US 2007671373  
20070205  
Designated States:  
(All protection types applied unless otherwise stated - for applications  
2004+)  
AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM  
DZ EC EE EG ES FI GB GD GE GH GM GT HN HR HU ID IL IN IS JP KE KG  
KM KN  
KP KR KZ LA LC LK LR LS LT LU LV LY MA MD MG MK MN MW MX MY MZ NA  
NG NI  
NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SK SL SM SV SY TJ TM TN  
TR TT  
TZ UA UG US UZ VC VN ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU LV  
MC NL  
PL PT RO SE SI SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM  
Publication Language: English  
Filing Language: English  
Fulltext Word Count: 87995

International Patent Class (v8 + Attributes)  
IPC + Level Value Position Status Version Action Source Office:  
...US  
G06F-0019/00 ...  
Fulltext Availability:  
Detailed Description  
Claims

Detailed Description  
... or messages.

23. When a player is logged in to a system (e.g., the virtual world, an external instant messenger system).

24. When a date and/or time approaches, is...

...as an "alert event".

[043] Credit Card-a credit instrument issued by a real or virtual world institution to a player that allows the player to make purchases by providing an...

...world for real currency.

[046] Real Cash Value-the value in real dollars of the virtual currency. This value can be determined by multiplying the value of a virtual currency amount...

...and/or the factors used in the real world to determine a credit score.

[053] Virtual Financial Account-a virtual account issued to a player character by a virtual bank, game...

...payment, or multiple payment over time. The obligation can specify that payments are due on virtual or real dates.

[055] Virtual Financial Intermediary-Financial intermediaries are institutions including depository institutions, contractual...

...player character"-a persona created and controlled by a player in a video game.

[059] Avatar -the virtual representation of a player character.

[060] Character Account-an account that tracks character...

...Attributes may include, but are not be limited to: 1. A character score 2. A virtual object 3. The physical appearance of a character 4. An emblem or mark 5. A...

...13. A ranking

[062] Character Life-a fixed or variable, finite or infinite period of virtual or real world time that a player character can exist in a game environment.

[063...

...of or borrowing real or virtual cash amounts.

5. Global character attribute settings for all characters created by player across multiple games.



6. Rewards for encouraging another player to signup to...1. Virtual loans-a player character or entity can borrow virtual cash from another player character , entity or the game server. An interest rate and payment schedule can be established, and...

...per unit time. He can secure the virtual cash dividend with his credit card.

4. Virtual finance options-a player character or entity can choose to pay for an in game item with virtual cash over time rather than up front.

A virtual cash payment amount and payment schedule...

...real cash value of the virtual obligation.

8. Virtual Insurance Payments and Claims-a player character can insure an in-game item with another player character or a game server. A...

...a second player character to a certain virtual location in the game before a certain virtual or real date. The shipment of the item is secured with a credit card associated...

...bank owned by one or more other player characters. The deposit balance and any periodic virtual interest due on the balance are secured by at least one credit card associated ith...

...virtual cash obligation on the virtual or real date specified or there is not sufficient virtual cash in their virtual cash account for the virtual obligation to be automatically withdrawn.

[01...

...or more embodiments of the present invention, Player characters could have the choice of using virtual or real cash to pay the virtual obligation when it becomes due. Characters could be...

...assets of the player character are sold and the virtual cash does cannot cover the virtual obligations, the cash can be paid to the creditors using any suitable means including, but...

...by or related to the indebted player character.

[01 16] According to one or more embodiments of the present invention, the game server can periodically ping the credit card or other...

...the credit card so that it cannot be used for anything other than covering the virtual obligation.

[01 18] According to one or more embodiments of the present invention, when a...

...a player database 32, a player character database 34, a contract database 36, and a virtual bank database 38.

[0130] Player database 32 may include information about each player who accesses...

...request to incur a financial obligation is received by the game server from a player character . The financial obligation may be incurred immediately (i.e. an upfront purchase), or at later...

...completed. Similarly, if the player opts to pay in real world funds and the player character 's real world financial instrument (i.e. credit card, debit card, bank account etc.) contains...

...If the player character has incurred a financial obligation but has insufficient funds in both virtual and real world accounts, the server may first determine if the player character has benefited...

...the creditor(s).

[0142] Cancellation of the transaction may or may not prevent the player character from receiving a penalty. For example, even if the transaction is cancelled, a fee may receive a credit card associated with first player character 3. Store request to sell shares including credit card and dividend information.

4. Output request...

...and store a virtual offer contract including the credit card number of the first player character 5. Receive virtual offer amount from second player character account 6. Transmit virtual offer amount...

...or insurance policy associated with first player character 8. If request was not fulfilled, retrieve virtual penalty amount and charge amount to virtual account of second player character a. If virtual account of second player cannot cover virtual penalty amount, determine real cash value of virtual penalty and charge real cash value to credit card or insurance policy associated with second...

...credit card associated with the second player character.

i. Shipping i. Player Character to Player Character 1. Receive a virtual item to ship from a first player character including a present...

...or retrieve a credit card associated with second player character 5.

Create shipping contract with virtual item, shipping amount delivery date, penalty amount, and credit card 6. Determine if item was...

...Dividend, Finance Payment, Insurance Premium i. Player Character to Game

Server 1. Determine that a virtual obligation payment is due 2. Charge obligation payment to player character account 3. If player...

...value of claim to second player character (less applicable fees) f. Shipping Item i. Player Character to Player Character 1. Receive complaint that a first player character did not deliver an...

...penalty amount to player credit card g. Virtual Bank Deposit i. Player Character to Player Character 1. Receive a request from a first player character to withdraw funds from a virtual bank account owned by a second player character 2. Determine if the virtual bank has enough virtual cash to cover the withdrawal amount 3. If yes, transfer funds...

...cash and deposit into virtual bank iv. Transfer virtual cash from virtual bank to player character bank account i. Taxes i. Player character to game server 1. Receive or Generate indication that a virtual tax is due 2...

...3. Attempt to charge tax amount to virtual cash account of player character 4. If virtual cash account can cover tax amount, remove tax amount from account 5. If virtual cash...

...virtual cash account of entity controlled by one or more other player characters 4. If virtual cash account cannot cover tax amount: a. Determine a real cash value of the virtual...

...e. If attempt fails, lock virtual assets of player character account, f. Post and sell virtual assets on appropriate in game marketplace or exchange g. Retrieve virtual creditor list h. Determine...

...output warning message to player character

[0148] Disabling selling virtual assets if Player Character has virtual obligations a. Determine a total virtual obligation amount for a player character b. Set a...

...that virtual offer is due, including choice to pay for virtual obligation with real or virtual cash i. Receive indication that virtual obligation will be paid with real cash ii. Charge...

...cash charge to credit card for virtual loan payment or rental a. Determine that a virtual obligation of a player character is due b. Determine real cash value of virtual obligation...

...contract request.

[0165] As a further alternative or addition, the server may be configured to conduct an auction during which players bid for the right to become a party to a sponsorship contract...

...the act of bidding acts essentially as a sponsorship request from the bidding player. The auction may be conducted in a manner such that players submit offers (e.g., including an amount of payment...receive a sponsorship request from a first player. The server may be further operable to conduct an auction wherein players bid for the right to become a party to a sponsorship contract. As...are not limited to, loss of play time, damage or hit points, loss of an avatar or clothing or a name, loss of an attribute or item, virtual illness, visible affliction  
...

...prescribed period), etc. Furthermore, the visual or audible appearance or behavior of a player's avatar may be altered if a player fails to fulfill his virtual financial obligations. For example, the avatar may have to wear certain items like a ball and chain or begin any conversation...

...virtual creditor.

[0307] In another embodiment, the virtual representation of the character such as an avatar can be altered to indicate that the character has a delinquent account. For example, a virtual collection agent could trail the avatar around, or a ball and chain could be attached to the foot of the avatar, or a warning could float over the head of the avatar, or the color or other characteristic of the avatar could change, e.g., the avatar's clothing may partially or completely disappear, or the avatar could start leaving footprints wherever it goes, making it easier for the lending company or enemies to track down the avatar, etc. In a further embodiment, if a payment is missed, any preferential terms may be  
...

...a particular type or group of types of asset(s), for example, player characters or avatars, in game resources or attributes, player created game items, stock of a virtual business including...

...various suitable skills by the requesting group, character type limitations, size of guild, age of avatar, experience level of avatar, virtual or real net worth of an avatar or player, etc. In such a case, only those requests that come from an entity...Commitment, Best Efforts, Bought Deal or Self Distribution of Stock. In a Dutch Auction, the auctioneer begins with a high asking price which is lowered in increments until some participant is willing to accept the auctioneer's price, or a predetermined reserve price is reached. The winning participant pays the last...approach the underwriter directly, or an issuer may publish an official notice of sale to solicit bids. Such

publication may be by electronic mail, regular mail, screen alerts,  
publication in a journal...

...Commitment, Best Efforts, Bought Deal or Self Distribution of Bonds. In  
a Dutch Auction, the auctioneer begins with a high asking price which  
is lowered in increments until some participant is willing to accept the  
auctioneer's price, or a predetermined reserve price is reached. The  
winning participant pays the last...

13/ 3,K/ 8 (Item 8 from file: 349)  
DIALOG(R) File 349: PCT FULLTEXT  
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01312219 \*\*Image available\*\*  
TELEPRESENCE BY HUMAN-ASSISTED REMOTE CONTROLLED DEVICES  
AND ROBOTS  
TELEPRESENCE ASSUREE PAR DES DISPOSITIFS ET DES ROBOTS  
TELECOMMANDES  
ASSISTES PAR L'HOMME

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(All protection types applied unless otherwise stated - for applications  
2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM  
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KM KP KR  
KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NG NI NO NZ OM  
PG PH PL  
PT RO RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US UZ VU  
VN YU

ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU MC  
NL PL

PT RO SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

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International Patent Class (v8 + Attributes)

IPC + Level Value Position Status Version Action Source Office:

G06Q-0030/00 ...

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... business could be run as a free market, independently of any  
centralized organization, using an auction market conducted over an  
Internet website such as the one trademarked under the name of E-BAY...

...cameras is fused by means of an algorithm run on a processor, to  
generate a virtual image as seen from an arbitrary position such as a  
point located between the cameras, in...

13/3,K/11 (Item 11 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00935963 \*\*Image available\*\*

AUCTION, IMAGERY AND RETAINING ENGINE SYSTEMS FOR  
SERVICES AND SERVICE  
PROVIDERS

SYSTEMES D'ENCHERES, D'IMAGERIE ET DE RETENUE POUR  
SERVICES ET FOURNISSEURS  
DE SERVICES

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Patent and Priority Information (Country, Number, Date):  
Patent: WO 200269101 A2-A3 20020906 (WO 0269101)  
Application: WO 2002US5751 20020228 (PCT/WO US0205751)  
Priority Application: US 2001796305 20010228  
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AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK  
LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD  
SE SG SI  
SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
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Publication Language: English  
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Fulltext Word Count: 33788  
  
Main International Patent Class (v7): G06F-017/ 60  
Fulltext Availability:  
Detailed Description  
Claims

#### Detailed Description

... and exciting marketplace for the  
sale of a wide range of products and services. Energetic auctioneers  
and the potential for value purchases and/or bargain opportunities have  
attracted potential sellers and...allows individual customers to select  
desired appearance features, 41  
gender, race, voice, etc., using known avatar technologies. The 3-D  
holographic assistant generally responds to consumer interaction, e.g.,  
using voice...CRO management system collecting information from the  
customer related to the CRO using an interactive virtual personal  
assistant, e.g., a holographic image. Once the terms of the CRO have been  
received...or paralegal services, and/or medical billing services that  
would be cumulatively performed via a " virtual personal assistatif  
'over a distributed computer network, such as the Internet, or in a

specific geographical...be simultaneously retained from multiple service provider sites include legal services, research services, tax services, virtual personal io. assistants, administrative services, data entry services, internet services, medical support services, staffing services, virtual...retaining by sending automatic retaining and/or automatic retaining auction information to an automatic retaining auctioneer . The automatic retaining and/or automatic retaining auction information is typically transmitted to the automatic retaining auctioneer via an open communication network, e.g., the Internet or the World Wide Web. Upon receipt of the automatic retaining and/or automatic retaining auction information by the auctioneer , the automatic retaining auction may be effectively and automatically conducted on the basis of such...  
...parameters relevant to operation of the retaining auction, e.g., whether participation in the retaining auction should be conducted after an initial successful retainer is achieved, are preferably defined by auction participants and/or...management system collecting information from the customer related to the automatic ACRO using an interactive virtual personal assistant.

Once the terms of the automatic ACRO have been received by the automatic ACRO...

#### Claim

... A computer-implemented method for creating a services marketplace according to Claim 65, wherein a bid is solicited from one or more of said service providers.

67 A computer-implemented method for creating a services marketplace according to Claim 66, wherein said bid is solicited through communications with one or more of said service providers based on registration information supplied...implemented method for creating a services marketplace according to Claim 53, further comprising: 127

a. conducting an auction for projects available for performance from

13/ 3,K/ 12 (Item 12 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00871075 \*\*Image available\*\*

VIRTUAL INTERACTIVE GLOBAL EXCHANGE  
ECHANGE GLOBAL INTERACTIF VIRTUEL

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AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE

ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT

LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM

TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

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Fulltext Availability:

Detailed Description

Claims

English Abstract

...an exchange. Traders (17, 28, 19, and 20) use local PCs to direct their individual avatars interactively on the virtual trading floor, using hand and voice signals similar to a non...

Detailed Description

... among others.

The most common method for trading such securities is the Open Out Cry Auction .

Conducted in trading pits-designated areas on the trading floor of the exchange--this often hectic...trader's body is an iconic representation which can be in the form of an avatar that will display his/her badge number/floor name 5 and their position 6. The...

...a trader may be a computer depiction or a box, though ultimately animated or video avatars will likely be used, to more closely simulate the `real` world environment in the virtual...of participants in the virtual world, circumventing the need to invent object agents, or visual avatars .

#### Software Architecture

The software architecture has three main elements. The first component is the user...and

1 5 means for generating an interactive virtual trading floor space and for generating virtual images of the multiple traders thereon and for supporting interactive trading between the multiple users; and...

...providing a virtual reality generator producing 3-dimensional images of a trading floor;  
providing an avatar within the virtual reality trading floor  
corresponding to each trader; providing control signals from the...

...reality trading floor,  
observing other traders in the virtual reality trading floor; and  
interacting the avatars of multiple traders to simulate an open out call auction and 1 5 completing trades...

#### Claim

... an interactive virtual trading floor space and for generating virtual trader personas corresponding to the virtual images of the plurality of traders therein and for supporting interactive trading between a plurality of...

...a trading floor 36 to generate a virtual reality trading floor;  
providing a plurality of avatars within the virtual reality trading floor corresponding to a plurality of traders;  
providing control signals from a trader to a corresponding avatar to direct the corresponding avatar on the virtual reality trading floor;  
observing other traders via their corresponding avatars on the virtual reality trading floor; interacting the avatars of the plurality of traders to simulate an open out call auction; and completing trades...

...The method according to claim 7 further comprising enabling a trader to control a corresponding avatar via signals selected from the group consisting of voice, optical, mechanical, 1 5 hand, body...

...with the server.

13 The method according to claim 7 wherein the interaction of the avatars is by voice recognition and hand signals so as to simulate a virtual open out...

...visualization software for generating the virtual trading floor and for supporting virtual interactions among the avatars therein.

20 The method according to claim 7 further comprising providing multiple servers distributed at...

...servers to assure ---that the plurality of traders view the same virtual trading floor and avatars, at substantially the same time.

22 A computer trading system for trading financial products comprising...

13/ 3,K/ 13 (Item 13 from file: 349)  
DIALOG(R) File 349: PCT FULLTEXT  
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00850746 \*\*Image available\*\*

SYSTEM AND METHOD FOR CONDUCTING A TIME AUCTION  
SYSTEME ET PROCEDURE PERMETTANT DE MENER UNE VENTE AUX  
ENCHERES PORTANT SUR  
LA DUREE

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AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ  
EE ES

FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU

LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL  
TJ TM TR

TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
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## SYSTEM AND METHOD FOR CONDUCTING A TIME AUCTION

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Detailed Description

Claims

### English Abstract

A system and a method of conducting a time- auction among queuing customers is described. A bid is received from one of the queuing customers...

### Detailed Description

#### SYSTEM AND METHOD FOR CONDUCTING A TIME AUCTION

This application is related to co-pending application U.S. Application

No. 09/414,710...

...digital and analog networks. More specifically, the present invention relates to a network application for conducting a time auction among customers in a queue to advance a customer willing to pay more to receive ...a picture or photo 1030 the service provider may choose to be represented with an avatar or other information-rich graphic, and, may include other types - 7 of information in addition...

### Claim

... connection is maintained between the information provider and the one customer.

45 A method of conducting a time auction among a plurality of users in a queue, the method comprising: receiving a first bid...

13/ 3,K/ 14 (Item 14 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00843140

VIRTUAL TRADING FLOOR SYSTEM

SYSTEME DE BASE DE COMMERCE VIRTUEL

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AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK  
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EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS  
LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI  
SK SL TJ  
TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
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Detailed Description

#### Detailed Description

... a real person in a cyberspace system. These graphical metaphors are sometimes referred to as " avatars ." Upon entering such a system, a off-site trader can be defined by or can choose from a number of avatars . Sophisticated 3D avatars even change shape depending on what they are doing (e.g., walking, sitting, etc.).  
There...The present invention is a virtual trading floor based on the pit traded open outcry auction process currently conducted at the major U.S. commodity and stock option exchanges. It is an object of...diagram of the virtual trading floor system according to the invention, comprising a coder/decoder, avatar interface, data interface and a

control interface;

FIG. 2 is a graphic of the metaphors used to represent buying and selling traders generated by the avatar interface of FIG. 1 according to the invention; FIG. 3 is a graphic showing a...

...viewed on a display at the option of a trader, and as generated by the avatar, data and control interfaces of FIG. 1 according to the invention; FIG. 5 is a...

...computer system which may comprise any one or more of the trading source, coder/decoder, avatar interface, data interface or control interface.

#### DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT

A method and...

...coder/decoder 120, a control interface 130, a data interface 140 and a graphic or avatar interface 150. The coder/decoder 120 is coupled by line 160 to the trading source 110. The avatar interface 150 is coupled by line 170 to the coder/decoder 120. The control 130...

...embodiment, a computer system 180 to be utilized by an off-site trader encompasses the avatar interface 150, the control interface 130 and the data interface 140. It is not critical...be implemented.

As shown in FIG. 1, the control interface 130, data interface 140 and avatar interface 150 are coupled via line 170 and may communicate data and commands freely between one another as required. In general, the avatar interface 150 serves as an interface for viewing financial data transmitted from trading source 110.

...confirmation of orders along with other data from trading source 110. The control interface 130, avatar interface 150, and data interface 140 may each comprise software and/or hardware. In one...

...an associated display as shown in more detail in FIG. 9. The control interface 130, avatar interface 150, and data interface 140 may also comprise a single interface, or any two...

...by the coder/decoder 120 and 30 sent using an appropriate protocol to the avatar interface 150, the data interface 140 and the control interface 130.

...critical. The same holds true regarding communication to and from the trading source 110, avatar interface 150, data interface 140 and control interface 130. Also, while the coder/decoder 120, avatar interface 150, data interface 140 and control interface 130 are shown as stand-alone devices...

...data received from the trading source 110 and transmits the data to

the avatar interface 150. The coder/decoder 120 will in turn send packets of data to the...decoder 120, along with other data, are transmitted in accordance with predefined algorithms to the avatar interface 150. The avatar interface 150 may be any interface capable of generating real-time graphic representations of actual...

...stock or commodities market or in a game or training environment. In an embodiment, the avatar interface 150 may generate 2 or 3 dimensional displays that mimic openmarket outcry auctions on...

...the data from the trading source 110 in a form that allows the avatar interface 150 to generate a display of human metaphors that represent actual buying and selling...

...and selling traders in the virtual trading floor system 100 as generated by the avatar interface 150.

The buying 210 and selling trader metaphors 220 generated by the avatar interface 150 appear as human figures dressed in trading jackets. In an embodiment, the buying...

...120. Associated audio data provided from the coder/decoder 120 can be programmed at the avatar interface 150 to increase as market activity increases, or a trader at computer system 180...

...basic single channel audio to high fidelity stereo. Audio quality, however, is not critical. The avatar interface 150 will also allow a trader at computer system 180 to provide for more...computer system 180. In an embodiment, the virtual trading floor 400 is generated by the avatar interface 150, the quote board and graphs are generated by the data interface 140 and...

...order input entry bar 432 is generated by the control interface 130. Of course, the avatar interface 150, control interface 130 and data interface 140 could each be modified to generate...

...interface 130. Also in this embodiment, the virtual trading floor 694 is generated by the avatar interface 150 and the quote board 694 is generated by the data interface 140. The...to the virtual trading floor system 100 shown in FIG. 1, except that the avatar interface 150 would be a virtual reality interface, requiring the user to utilize or wear...

...represents a trader at computer system 180. In the virtual reality trading floor system, the avatar interface 150 generates full-motion graphical metaphors that represent real persons in a cyberspace system. In the virtual reality trading floor embodiment, the avatar interface 150 would be capable of generating 3-dimensional metaphors whose movements, actions, size and...implement any one or more of the trading source 110, coder/decoder 120, avatar interface 150, data interface

140 or control interface 130. Computer system 900 includes a bus...

...one embodiment of the invention, coder/decoder 120, and the control 130, data 140 and avatar interfaces 150 are implemented by one or more computer systems such as computer system 900...

...according to another embodiment, the coder/decoder 120 and the control 130, data 140 and avatar interfaces 150 could be embodied using one or more embedded single purpose computing devices.

~ ~ Bibliographic NPL files

10/ 3,K/ 4 (Item 4 from file: 471)  
DIALOG(R)File 471:New York Times Fulltext  
(c) 2008 The New York Times. All rts. reserv.

00610044 NYT Sequence Number: 066049831125 (USE FORMAT 7 FOR  
FULLTEXT)  
THE EVENING HOURS  
Fred Ferretti  
New York Times, Late City Final Edition ED, COL 1, P 20  
Friday November 25 1983  
DOCUMENT TYPE: Newspaper LANGUAGE: English RECORD TYPE:  
Fulltext  
SECTION HEADING: SECTB  
Word Count: 722

... Ann Saunders, junior chairman of the event, and given race names:  
Seattle Crab, Kelso Crab, Avatar Crab, Steamed Crab, Ruffian Crab and  
Crab Louie. Their names were printed on a blackboard...

~ ~ Full text NPL files - 1

13/ 3,K/ 4  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2008 Dialog. All rts. reserv.

20283564  
Kinternet announces top 10 news stories in Korea's Internet  
KOREA HERALD  
December 13, 2001  
JOURNAL CODE: FKHD LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 758

... afloat and move forward. Earlier this year, U.S.-based eBay took



over Korean online auctioneer Auction ([www.auction.co.kr](http://www.auction.co.kr)), followed by the acquisition of HanGame by Naver.com. Ahnlab Inc., which listed...

... turns out that online chatters are very enthusiastic about creating alternative identities on the Web. Avatar, or virtual character, services have been hurriedly adopted by major online community sites as one of the key...

13/ 3,K/ 5  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2008 Dialog. All rts. reserv.

19813517 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
First Animated Net Auction Goes Live With LivePerson and Hip TV Show  
PR NEWSWIRE  
November 14, 2001  
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 1005

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... to launch a progressive television show that would support our animated and community friendly online auction concept," says Patel. "There is an online savvy generation, who is shopping more and more...

... convenience and lack of time. We are proud to be going where no other online auction has gone before-television. We are what some might call, the next generation of television/online shopping alternatives for hipsters of any age."

GRUVO Auction TV will also be revolutionizing advertising for the small and medium business sector with a unique approach that makes commercials affordable and unique. GRUVO Auction TV advertising/sponsorship packages will eliminate production, video, and other costly elements associated with the...

...an affordable cost.

Gruvo is a human friendly community. Although referred to as an online auction web site, it is important to realize that it is not a traditional "auctioneer." The site acts as a venue to allow anyone to offer, sell, and buy just...

...anytime, from anywhere, in a variety of formats, including a fixed price format and an auction-style format commonly referred to as an "online auction." We are not involved in the actual transaction between buyers and sellers. Media Contact: Cristine...

13/ 3,K/ 7  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2008 Dialog. All rts. reserv.

08749431  
Stores in virtual mall to go under the hammer  
Jenny Sinclair  
ABIX - AUSTRALASIAN BUSINESS INTELLIGENCE (AUSTRALIAN) , p8  
December 14, 1999  
JOURNAL CODE: WTAU LANGUAGE: English RECORD TYPE: ABSTRACT  
WORD COUNT: 73

Australian auctioneer , e-Estate.net, plans to open a virtual shopping complex early in 2000. Simon Mackay...

... executive, says that the company wants to reproduce the real world experience of shopping. An avatar system will allow consumers to see each other and shop owners to assist customers. Real estate agency, Talbot Birner Morley, will auction shop space in the site, which will be written in virtual reality modelling language (VRML).

~ ~ Full text NPL files - 2

11/ 3,K/ 4 (Item 1 from file: 714)  
DIALOG(R)File 714:(Baltimore) The Sun  
(c) 2008 Baltimore Sun. All rts. reserv.

10066039  
THE BALTIMORE SUN (BS) - Sunday March 7, 1999

By: FROM WIRE REPORTS  
Edition: FINAL  
Section: TELEGRAPH  
Page: 2A

Word Count: 594

...The art brought in more than \$500,000.

The crowd of buyers cheered as an animated image of the villain Shan Yu and his falcon sold for \$43,700 -- much higher than its estimated value of \$1,200.

"Everyone loves a good villain," said auctioneer David N. Redden, responding to the applause.

Other highlights of the auction included the image...

~ ~ Full text NPL files - 3

13/3,K/2 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2008 The Gale Group. All rts. reserv.

09754455 Supplier Number: 85410448 (USE FORMAT 7 FOR FULLTEXT)  
Intelligent agents: it's nice to get stuff done for you.(Brief Article)  
Perez, Ernest  
Online, v26, n3, p51(6)  
May, 2002  
Language: English Record Type: Fulltext  
Article Type: Brief Article  
Document Type: Magazine/Journal; Professional Trade  
Word Count: 3803

... making a reservation, and paying via credit card?  
Have you tried out and used the " auction assistants " that track  
bids on items of interest on the eBay, Amazon.com, or Yahoo! auction  
sites? These agents monitor bids and fire off last-second winning bids  
(within your set limits) in the last moments of an auction .  
Are you using Google or another search engine, to quickly check out  
someone's publications...

~ ~ Full text NPL files - 4

13/3,K/3 (Item 1 from file: 810)  
DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0480570 BW0157

Business Wire Recap

April 24, 1995

Byline: EDITORS

...Choice for Object-  
Oriented Client/Server Development (BW0129 13:50)  
(RITCHIE-BROS) --ADVISORY/Ritchie Bros. Auctioneers Int'l.  
to hold multi-million dollar auction in Port Edwards (BW1369 13:53)  
(ORANGE/SB/RVRSIDE-CNTY) --Business Wire Recap for Orange...

13/ 3,K/ 18 (Item 1 from file: 624)  
DIALOG(R) File 624: McGraw-Hill Publications  
(c) 2008 McGraw-Hill Co. Inc. All rts. reserv.

01009221

Avatar To Auction 747, JT9D Inventories  
Aero Safety and Maintenance, Vol. 3, No. 9, Pg 9  
April 30, 1999

JOURNAL CODE: ASM

SECTION HEADING: COMPANIES ISSN: 1093-4782

WORD COUNT: 110

TEXT:

Avatar Alliance will auction its Boeing 747-100 and -200 spares inventories along with some Pratt & Whitney JT9D turbofan parts next month, the Atlanta-based supplier reports.

The auctions will take place May 26 and 27 at the company's Fairburn, Ga. operations center, says Senior VP Michael Mayer. "We've retained Greenwich Industrial Services to conduct (an) auction to move some of our aviation inventory," says Mayer. The move allows Avatar "to target specific customers...with model-specific powerplant, airframe, and avionics components."